

IN THE CLAIMS

Claim 1 (currently amended): A wireless communication system, comprising:
a number, N, of wireless front end units;

the same number, N, of antennae; and

a switching arrangement connected between the N wireless front end units and the N antennae for permitting any of the wireless front end units to be switched into connection with any of the antennae while also maintaining the remaining wireless front end units connected to respective ones of the remaining antennae antennas.

Claim 2 (original): The wireless communication system of claim 1 wherein said switching arrangement includes N switches.

Claim 3 (original): The wireless communication system of claim 2 wherein said switching arrangement includes a controller coupled to the N switches for synchronously controlling the N switches.

Claim 4 (original): The wireless communication system of claim 3 wherein said controller is for switching the N switches simultaneously.

Claim 5 (original): The wireless communication system of claim 3 wherein said controller synchronously controls the N switches using a single control signal.

Claim 6 (original): The wireless communication system of claim 2 wherein each of the N switches is a single-pole switch.

Claim 7 (original): The wireless communication system of claim 2 wherein each of the N switches further includes N contacts.

Claim 8 (original): The wireless communication system of claim 2 wherein each of the N switches is an N-throw switch.

Claim 9 (currently amended): The wireless communication system of claim 2 wherein the N switches are respectively coupled to the N antennae antennas.

Claim 10 (original): The wireless communication system of claim 9 wherein the N switches are each coupled to all of said wireless front end units.

Claim 11 (original): The wireless communication system of claim 9 wherein each wireless front end unit is coupled to all of the N switches.

Claim 12 (original): The wireless communication system of claim 2 wherein each of the N switches comprises at least one single-pole-double-throw switch.

Claim 13 (original): The wireless communication system of claim 1 wherein said switching arrangement includes 2N switches.

Claim 14 (original): The wireless communication system of claim 13 wherein said switching arrangement includes a controller coupled to the 2N switches for

synchronously controlling the 2N switches.

Claim 15 (original): The wireless communication system of claim 14 wherein said controller is for switching the 2N switches simultaneously.

Claim 16 (original): The wireless communication system of claim 14 wherein said controller synchronously controls the N switches using a single control signal.

Claim 17 (original): The wireless communication system of claim 13 wherein each of the 2N switches is a single-pole switch.

Claim 18 (original): The wireless communication system of claim 13 wherein each of the 2N switches further includes N contacts.

Claim 19 (original): The wireless communication system of claim 13 wherein each of the 2N switches further comprises at least one single-pole-double-throw switch.

Claim 20 (currently amended): The wireless communication system of claim 13 wherein a first N of the switches are respectively coupled to the N antennae antennas, a further N of the switches are respectively coupled to the N wireless front end units, and each of the first N switches are coupled to each of the further N switches.

Claim 21 (original): The wireless communication system of claim 1 wherein the N wireless front end units are radio front end units.

Claim 22 (original): The wireless communication system of claim 21 wherein the radio front end units are one of Bluetooth front end units, IEEE 802.11a front end units, IEEE 802.11b front end units and GSM front end units.

Claim 23 (original): The wireless communication system of claim 1 wherein said switching arrangement includes a controller for assigning each of the N wireless front end units to a respective one of the N antennae.

Claim 24 (currently amended): The wireless communication system of claim 1 wherein said switching arrangement includes at least one single-pole switch connected between each of said wireless front end units and each of said antennae antennas.

Claims 25-28 (cancelled).